August 2009



#### DEPARTMENT OF EDUCATION

2008-2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards known as *Learning Results*. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test<sup>TM</sup> (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure academic achievement. This year, the mathematics portion of the SAT Reasoning Test<sup>TM</sup> was augmented with 11 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. The assessment continues to include science testing, which resumed last year after a two-year hiatus. The combined set of tests comprises the Maine High School Assessment (MHSA).

These 2008-2009 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science reported according to the academic standards described above and disaggregated by student and school characteristics. The MHSA achievement level standards for the 2009 critical reading, writing, mathematics and science sections of the MHSA were determined by Maine educators with specific expertise within the content areas. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores from the SAT may also be used for college admission by most students, they may not be used for that purpose if a student received accommodations during the test administration that exceeded those made available by the College Board.

These results reflect scores based on SAT, Math-A, and Science test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs an assessment design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: <a href="http://www.maine.gov/education/sat\_initiative/">http://www.maine.gov/education/sat\_initiative/</a>.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Susan A. Lendron

Sincerely,

Susan A. Gendron

Commissioner of Education



# High School Report

Test Date: May 2009

Code: 12581764

SAU: MSAD 64

School: Central High School

#### **Contents of the Report**

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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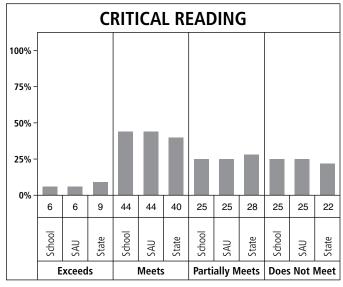
#### **SUMMARY OF SCORES**

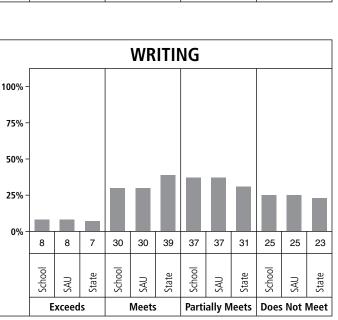
Test Date: May 2009 SAU: MSAD 64

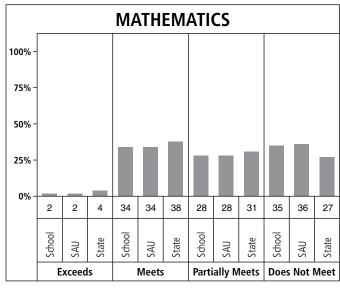
School: Central High School

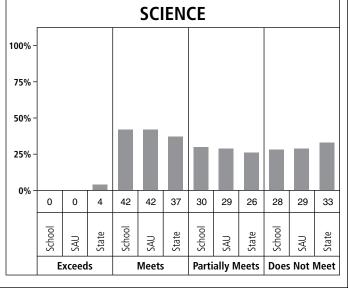
### Summary of School, SAU, and State Scores

Year	Avera	age Scaled S	Score
icui	School	SAU	State
Critical Reading 2006–2007 2007–2008 2008–2009 Cum Average*	1138 1137 <b>1140</b> 1138	1138 1136 <b>1140</b> 1138	1141 1141 <b>1141</b> 1141
Mathematics 2006–2007 2007–2008 2008–2009 Cum Average*	1139 1140 <b>1139</b> 1139	1139 1139 <b>1139</b> 1139	1140 1141 <b>1141</b> 1141
Writing 2006–2007 2007–2008 2008–2009 Cum Average*	1140 1137 <b>1139</b> 1139	1140 1136 <b>1139</b> 1138	1141 1140 <b>1140</b> 1140
Science 2008–2009**	1140	1140	1140









<sup>\*</sup>Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

<sup>\*\*</sup>Because science standards were reset in May 2009, no historical data are available.



#### **SUMMARY OF STUDENT PARTICIPATION**

Test Date: May 2009 SAU: MSAD 64

School: Central High School

		Er	rol	lme	nt¹								CC	N	ΓΕΙ	NT.	AR	EΑ	PA	RT	ΓIC	IPA	TIC	N <sup>2</sup>						
CATEGORY OF	c	luring	g test	ing v	vindo	w		С	ritical	Readi	ng				Mathe	ematic	3				Wri	iting					Scie	ence		
PARTICIPATION	Scl	hool	S	AU	St	ate	Scl	nool	S	AU	St	ate	Sc	hool	S	AU	Sta	ate	Sch	nool	S	AU	Sta	ate	Sch	hool	S	AU	St	ate
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Total number of students	89	100	92	100	15632	100	88	99	88	96	14928	96	89	100	90	98	15274	98	88	99	88	96	14926	96	89	100	90	98	15079	97
Ethnicity African American/Black	0	0	0	0	341	2	0	0	0	0	310	91	0	0	0	0	322	95	0	0	0	0	309	91	0	0	0	0	317	93
American Indian or Native Alaskan	0	0	0	0	111	1	0	0	0	0	101	91	0	0	0	0	107	96	0	0	0	0	101	91	0	0	0	0	103	93
Asian or Pacific Islander	1	1	1	1	241	2	1	100	1	100	221	92	1	100	1	100	229	95	1	100	1	100	221	92	1	100	1	100	227	94
Hispanic	0	0	0	0	166	1	0	0	0	0	156	94	0	0	0	0	162	98	0	0	0	0	156	94	0	0	0	0	155	93
Caucasian/White	88	99	91	99	14773	95	87	99	87	96	14140	96	88	100	89	98	14454	98	87	99	87	96	14139	96	88	100	89	98	14277	97
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	8	9	10	11	2327	15	8	100	8	80	2108	91	8	100	8	80	2200	95	8	100	8	80	2099	91	8	100	8	80	2140	92
Current LEP	0	0	0	0	262	2	0	0	0	0	232	89	0	0	0	0	246	94	0	0	0	0	231	88	0	0	0	0	240	92
Economically disadvantaged	29	33	29	32	4634	30	28	97	28	97	4263	92	29	100	29	100	4451	96	28	97	28	97	4262	92	29	100	29	100	4383	95
Migrant	0	0	0	0	5	0	0	0	0	0	4	80	0	0	0	0	5	100	0	0	0	0	4	80	0	0	0	0	5	100

MODE OF			Crit	tical I	Readi	ng				Mathe	matic	S				Wr	iting					Scie	ence		
	S	chool		SA	\U	St	ate	Scl	nool	s	AU	Sta	ate	Scl	nool	S	AU	St	ate	Sc	hool	S	AU	St	tate
PARTICIPATION <sup>3</sup>	N	%	6	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations	77	8	7	77	84	13079	84	78	88	79	86	13417	86	77	87	77	84	13084	84	78	88	79	86	13288	85
Identified disability (PET/IEP)	2	3	3	2	3	727	6	2	3	2	3	814	6	2	3	2	3	725	6	2	3	2	3	802	6
LEP	0	0	)	0	0	170	1	0	0	0	0	181	1	0	0	0	0	170	1	0	0	0	0	177	1
504 plan	8	10	0	8	10	238	2	8	10	9	11	245	2	8	10	8	10	238	2	8	10	9	11	241	2
Participation with accommodations	10	1	1	10	11	1626	10	10	11	10	11	1636	10	10	11	10	11	1624	10	10	11	10	11	1579	10
Identified disability (PET/IEP)	5	50	0	5	50	1158	71	5	50	5	50	1165	71	5	50	5	50	1156	71	5	50	5	50	1126	71
LEP	0	0	)	0	0	56	3	0	0	0	0	59	4	0	0	0	0	55	3	0	0	0	0	57	4
504 plan	2	20	0	2	20	79	5	2	20	2	20	79	5	2	20	2	20	80	5	2	20	2	20	77	5
Other	3	30	0	3	30	360	22	3	30	3	30	360	22	3	30	3	30	360	22	3	30	3	30	345	22
Participation through alternate assessment (PAAP)	1	1		1	1	223	1	1	1	1	1	221	1	1	1	1	1	218	1	1	1	1	1	212	1
Identified disability (PET/IEP)	1	10	00	1	100	223	100	1	100	1	100	221	100	1	100	1	100	218	100	1	100	1	100	212	10
LEP	0	0	)	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3	0	0	0	0	6	3
504 plan	0	0	)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	)	0	0	0	0																		
Approved non-participation – special consideration	0	0	)	0	0	24	0	0	0	0	0	34	0	0	0	0	0	24	0	0	0	0	0	26	0
Non-participation – other	1	1		4	4	680	4	0	0	2	2	324	2	1	1	4	4	682	4	0	0	2	2	527	3



#### CRITICAL READING RESULTS

Test Date: May 2009 SAU: MSAD 64

School: Central High School

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the reading standards for achieving Maine's *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an "on demand" setting.

**Exceeds the Standards** – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of

reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes

texts for subtle clues, synthesizes information across texts, and uses knowledge of text

Meets the Standards – The student's work demonstrates the ability to read and interpret

reasoning skills and prior knowledge as the student draws inferences, identifies summary

statements, connects ideas within and across texts, and uses knowledge of text structures

**Partially Meets the Standards** – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The

student's ability to use a variety of reasoning skills and prior knowledge varies depending

and across texts, and uses knowledge of text structures and literary devices to support

on the texts as s/he draws inferences, identifies summary statements, connects ideas within

**Does Not Meet the Standards** – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's

responses are often incorrect leaving the impression that the student found it difficult to

use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies

summary statements, connects ideas within and across texts, or uses knowledge of text

structures and literary devices to support comprehension. (scaled score 1100-1128)

and literary devices to increase comprehension. (scaled score 1142-1160)

literary and informational texts appropriate for the grade level by applying a variety of

structures and literary devices to make deeper connections within or across texts to

increase comprehension. (scaled score 1162-1180)

comprehension. (scaled score 1130-1140)

's responses Results.	STI	JDENTS A	AT EACH A	ACHIEVE	MENT LEV	/EL
tified	Sch	ool	SA	<b>N</b> U	Sta	ate
choice	N	%	N	%	N	%
2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	5 6 <b>5</b> 16	5 6 <b>6</b>	6 6 <b>5</b> 17	6 6 <b>6</b>	1168 1184 <b>1339</b> 3691	8 8 <b>9</b> 8
2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	26 33 <b>38</b> 97	26 34 <b>44</b> 34	27 33 <b>38</b> 98	26 33 <b>44</b> 34	5714 5885 <b>5897</b> 17496	38 40 <b>40</b> 40
2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	37 28 <b>22</b> 87	37 29 <b>25</b> 31	38 28 <b>22</b> 88	37 28 <b>25</b> 31	4728 4093 <b>4169</b> 12990	31 28 <b>28</b> 29
2006-2007 2007-2008 <b>2008-2009</b> Cum. Total*	31 30 <b>22</b> 83	31 31 <b>25</b> 29	31 32 <b>22</b> 85	30 32 <b>25</b> 30	3444 3417 <b>3255</b> 10116	23 23 <b>22</b> 23

*Percentages are calculated by dividing the cumulative total	al of the number of students in the achievement	level by the cumulative total of the number of students tested.
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### **CRITICAL READING RESULTS** BY REPORTING SUBGROUPS

Test Date: May 2009 MSAD 64 SAU:

**Central High School** School:

DEDODTING				,	Sch	ool							SA	AU .					St	ate		
REPORTING CATEGORIES	Tested	I	E		М		P	ı	D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled	Tested	E	М	Р	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	87	5	6	38	44	22	25	22	25	1140	87	6	44	25	25	1140	14660	9	40	28	22	1141
Ethnicity																						
African American/Black	0										0						303	3	23	27	47	1133
American Indian or Native Alaskan	0										0						100	5	27	30	38	1135
Asian or Pacific Islander	1										1						219	11	34	28	26	1141
Hispanic	0										0						151	3	34	33	30	1137
Caucasian/White	86	5	6	38	44	21	24	22	26	1140	86	6	44	24	26	1140	13887	9	41	28	21	1141
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	2	29	0	0	5	71	1129	7	0	29	0	71	1129	1865	1	11	24	64	1127
No	80	5	6	36	45	22	28	17	21	1141	80	6	45	28	21	1141	12795	10	45	29	16	1143
Current LEP																						
Yes	0										0						225	0	9	22	68	1126
No	87	5	6	38	44	22	25	22	25	1140	87	6	44	25	25	1140	14435	9	41	29	21	1141
Economically disadvantaged																						
Yes	28	0	0	8	29	9	32	11	39	1135	28	0	29	32	39	1135	4120	3	30	32	35	1136
No	59	5	8	30	51	13	22	11	19	1142	59	8	51	22	19	1142	10540	11	44	27	17	1143
Migrant																						
Yes	0										0						3					
No	87	5	6	38	44	22	25	22	25	1140	87	6	44	25	25	1140	14657	9	40	28	22	1141
Gender																						
Female	51	3	6	26	51	9	18	13	25	1141	51	6	51	18	25	1141	7098	10	43	29	18	1142
Male	36	2	6	12	33	13	36	9	25	1138	36	6	33	36	25	1138	7562	9	37	28	26	1140
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						291	3	28	28	41	1135
No	87	5	6	38	44	22	25	22	25	1140	87	6	44	25	25	1140	14369	9	40	28	22	1141
Gifted/talented program																						
Yes	0										0						520	52	45	3	1	1161
No	87	5	6	38	44	22	25	22	25	1140	87	6	44	25	25	1140	14140	8	40	29	23	1140



#### **MATHEMATICS RESULTS**

Test Date: May 2009 SAU: MSAD 64

School: Central High School

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the mathematics standards for achieving Maine's *Learning Results*.

### STUDENTS AT EACH ACHIEVEMENT LEVEL

Maine state-level assessments measure the knowledge and skills of students by sampling ide		Sch	nool	SA	AU	Sta	ate
standards within mathematics at the grade level assessed. Evidence includes responses to a c of multiple-choice items and items requiring student-created responses in an "on demand" se		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1162-1180)	2006-2007	2	2	3	3	578	4
	2007-2008	2	2	2	2	637	4
	<b>2008-2009</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>596</b>	<b>4</b>
	Cum. Total*	6	2	7	2	1811	4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1142-1160)	2006-2007	29	29	30	29	5481	36
	2007-2008	38	39	38	38	5508	37
	<b>2008-2009</b>	<b>30</b>	<b>34</b>	<b>30</b>	<b>34</b>	<b>5674</b>	<b>38</b>
	Cum. Total*	97	34	98	34	16663	37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1134-1140)	2006-2007	32	32	33	32	4754	31
	2007-2008	31	32	31	31	5065	34
	<b>2008-2009</b>	<b>25</b>	<b>28</b>	<b>25</b>	<b>28</b>	<b>4622</b>	<b>31</b>
	Cum. Total*	88	31	89	31	14441	32
<b>Does Not Meet the Standards</b> – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007	36	36	37	36	4607	30
	2007-2008	26	27	28	28	3660	25
	<b>2008-2009</b>	<b>31</b>	<b>35</b>	<b>32</b>	<b>36</b>	<b>4116</b>	<b>27</b>
	Cum. Total*	93	33	97	33	12383	27



# MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009 SAU: MSAD 64

School: Central High School

DEDORTING				,	Sch	ool							SA	UA	,				Sta	ate		
REPORTING CATEGORIES	Tested	I	E		M		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	88	2	2	30	34	25	28	31	35	1139	89	2	34	28	36	1139	15008	4	38	31	27	1141
Ethnicity																						
African American/Black	0										0						315	1	15	29	56	1134
American Indian or Native Alaskan	0										0						106	1	20	31	48	1134
Asian or Pacific Islander	1										1						227	11	41	28	21	1144
Hispanic	0										0						157	1	27	25	46	1136
Caucasian/White	87	2	2	30	34	25	29	30	34	1139	88	2	34	28	35	1139	14203	4	39	31	27	1141
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	1	14	2	29	4	57	1132	7	0	14	29	57	1132	1959	0	7	19	73	1130
No	81	2	2	29	36	23	28	27	33	1139	82	2	35	28	34	1139	13049	5	42	33	21	1142
Current LEP																						
Yes	0										0						239	0	14	24	62	1132
No	88	2	2	30	34	25	28	31	35	1139	89	2	34	28	36	1139	14769	4	38	31	27	1141
Economically disadvantaged																						
Yes	29	0	0	4	14	13	45	12	41	1136	29	0	14	45	41	1136	4306	1	24	33	42	1136
No	59	2	3	26	44	12	20	19	32	1140	60	3	43	20	33	1140	10702	5	43	30	21	1142
Migrant																						
Yes	0										0						4					
No	88	2	2	30	34	25	28	31	35	1139	89	2	34	28	36	1139	15004	4	38	31	27	1141
Gender																						
Female	51	1	2	17	33	13	25	20	39	1139	51	2	33	25	39	1139	7248	3	38	33	27	1140
Male	37	1	3	13	35	12	32	11	30	1139	38	3	34	32	32	1138	7760	5	38	29	28	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						293	1	23	37	39	1137
No	88	2	2	30	34	25	28	31	35	1139	89	2	34	28	36	1139	14715	4	38	31	27	1141
Gifted/talented program																						
Yes	0										0						521	31	63	4	2	1157
No	88	2	2	30	34	25	28	31	35	1139	89	2	34	28	36	1139	14487	3	37	32	28	1140



#### WRITING RESULTS

Test Date: May 2009 SAU: MSAD 64

**Central High School** School:

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's response on state-level assessments in relation to the writing standards for achieving Maine's Learning Results. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

Exceeds the Standards - The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors;

and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's

's responses Results.	STI	JDENTS A	AT EACH A	ACHIEVE	MENT LEV	/EL
tified	Sch	ool	SA	AU	Sta	ate
ation of g.	N	%	N	%	N	%
2006-2007	6	63 <b>8</b> 6	6	6	937	6
2007-2008	3		3	3	962	7
<b>2008-2009</b>	<b>7</b>		<b>7</b>	<b>8</b>	<b>1062</b>	<b>7</b>
Cum. Total*	16		16	6	2961	7
2006-2007	38	38	40	39	6167	41
2007-2008	32	33	32	32	5564	38
<b>2008-2009</b>	<b>26</b>	<b>30</b>	<b>26</b>	<b>30</b>	<b>5706</b>	<b>39</b>
Cum. Total*	96	34	98	34	17437	39
2006-2007	35	35	36	35	4723	31
2007-2008	34	35	34	34	4679	32
<b>2008-2009</b>	<b>32</b>	<b>37</b>	<b>32</b>	<b>37</b>	<b>4487</b>	<b>31</b>
Cum. Total*	101	36	102	35	13889	31
2006-2007	20	20	20	20	3227	21
2007-2008	28	29	30	30	3376	23
<b>2008-2009</b>	<b>22</b>	<b>25</b>	<b>22</b>	<b>25</b>	<b>3408</b>	<b>23</b>
Cum. Total*	70	25	72	25	10011	23

and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1162-1180)	2007-2008	3	3	3	3	962	7
	2008-2009	<b>7</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>1062</b>	<b>7</b>
	Cum. Total*	16	6	16	6	2961	7
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1142-1160)	2006-2007	38	38	40	39	6167	41
	2007-2008	32	33	32	32	5564	38
	<b>2008-2009</b>	<b>26</b>	<b>30</b>	<b>26</b>	<b>30</b>	<b>5706</b>	<b>39</b>
	Cum. Total*	96	34	98	34	17437	39
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1130-1140)	2006-2007	35	35	36	35	4723	31
	2007-2008	34	35	34	34	4679	32
	<b>2008-2009</b>	<b>32</b>	<b>37</b>	<b>32</b>	<b>37</b>	<b>4487</b>	<b>31</b>
	Cum. Total*	101	36	102	35	13889	31
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2006-2007	20	20	20	20	3227	21
	2007-2008	28	29	30	30	3376	23
	<b>2008-2009</b>	<b>22</b>	<b>25</b>	<b>22</b>	<b>25</b>	<b>3408</b>	<b>23</b>
	Cum. Total*	70	25	72	25	10011	23



# WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2009 SAU: MSAD 64

School: Central High School

DEDORTING					Sch	ool							SA	UA	,				Sta	ate		
REPORTING CATEGORIES	Tested	I	E		М		P		D	Mean Scaled Score	Tested	E	М	P	D	Mean Scaled	Tested	E	М	P	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	87	7	8	26	30	32	37	22	25	1139	87	8	30	37	25	1139	14663	7	39	31	23	1140
Ethnicity																						
African American/Black	0										0						302	2	22	32	44	1133
American Indian or Native Alaskan	0										0						100	2	23	35	40	1134
Asian or Pacific Islander	1										1						219	10	37	27	26	1141
Hispanic	0										0						151	4	29	32	35	1135
Caucasian/White	86	7	8	26	30	32	37	21	24	1139	86	8	30	37	24	1139	13891	7	40	31	23	1140
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	2	29	0	0	5	71	1126	7	0	29	0	71	1126	1861	0	8	21	71	1125
No	80	7	9	24	30	32	40	17	21	1140	80	9	30	40	21	1140	12802	8	43	32	16	1142
Current LEP																						
Yes	0										0						224	0	8	28	64	1127
No	87	7	8	26	30	32	37	22	25	1139	87	8	30	37	25	1139	14439	7	39	31	23	1140
Economically disadvantaged																						
Yes	28	0	0	5	18	14	50	9	32	1134	28	0	18	50	32	1134	4121	2	27	33	38	1134
No	59	7	12	21	36	18	31	13	22	1142	59	12	36	31	22	1142	10542	9	44	30	18	1142
Migrant																						
Yes	0										0						3					
No	87	7	8	26	30	32	37	22	25	1139	87	8	30	37	25	1139	14660	7	39	31	23	1140
Gender																						
Female	51	4	8	17	33	19	37	11	22	1141	51	8	33	37	22	1141	7103	9	43	31	17	1143
Male	36	3	8	9	25	13	36	11	31	1137	36	8	25	36	31	1137	7560	6	35	30	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						291	3	25	36	35	1135
No	87	7	8	26	30	32	37	22	25	1139	87	8	30	37	25	1139	14372	7	39	30	23	1140
Gifted/talented program																						
Yes	0										0						520	43	52	3	1	1159
No	87	7	8	26	30	32	37	22	25	1139	87	8	30	37	25	1139	14143	6	38	32	24	1139



#### SCIENCE RESULTS

Test Date: May 2009 SAU: MSAD 64

School: Central High School

**ACHIEVEMENT LEVELS:** Achievement level definitions describe the quality of a student's responses STUDENTS AT EACH ACHIEVEMENT LEVEL on state-level assessments in relation to the science standards for achieving Maine's Learning Results. School SAU State Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of Ν % Ν % Ν % multiple-choice items and items requiring student-created responses in an "on demand" setting. Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and 2008-2009\* 0 0 0 0 602 4 explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1162-1180) Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses 2008-2009\* 37 42 37 42 5431 37 demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1142-1160) Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses 26 29 3876 2008-2009\* 26 30 26 demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1134-1140) Does Not Meet the Standards - The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's 2008-2009\* 25 28 26 29 4958 33 responses demonstrate minimal ability to solve problems, Explanations are illogical, incomplete, or

Learning Results Content Standards		nber oints	Average Points Attained (Number and Percent)									
		sible	Sch	ool	SA	\U	State					
	N	%	N	%	N	%	N	%				
Science Total Points	56	100	22.97	41.0	22.72	40.6	22.76	40.6				
D. The Physical Setting	34	61	13.31	39.1	13.12	38.6	13.63	40.1				
D1/D2 Earth/Space	14	25	5.49	39.2	5.40	38.6	6.05	43.2				
D3/D4 Matter and Energy/Force and Motion	20	36	7.82	39.1	7.72	38.6	7.58	37.9				
E. The Living Environment	22	39	9.66	43.9	9.60	43.6	9.13	41.5				

missing. There are many inaccuracies. (scaled score 1100-1132)

The MHSA assesses students' science knowledge based on questions that measure the science accountability content standards highlighted in Maine's 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: http://www.maine.gov/education/lres/pei/index.html.

Content Standard D. The Physical Setting

- D1 Universe and Solar System
- D2 Earth
- D3 Matter and Energy
- D4 Force and Motion

Content Standard E. The Living Environment

- E1 Biodiversity
- E2 Ecosystems
- E3 Cells
- E4 Heredity and Reproduction
- E5 Evolution



### **SCIENCE RESULTS** BY REPORTING SUBGROUPS

Test Date: May 2009 MSAD 64 SAU:

**Central High School** School:

REPORTING CATEGORIES	School												SA	UA	,	State						
	Tested	ĺ	E		M		P		D		Tested	E	М	P	D	Mean Scaled	Tested	E	М	Р	D	Mean Scaled
	N	N	%	N	%	N	%	N	%	Score	N	%	%	%	%	Score	N	%	%	%	%	Score
All Students	88	0	0	37	42	26	30	25	28	1140	89	0	42	29	29	1140	14867	4	37	26	33	1140
Ethnicity																						
African American/Black	0										0						311	1	18	20	61	1133
American Indian or Native Alaskan	0										0						102	1	19	30	50	1135
Asian or Pacific Islander	1										1						225	5	40	20	36	1141
Hispanic	0										0						152	2	23	18	57	1136
Caucasian/White	87	0	0	37	43	26	30	24	28	1140	88	0	42	30	28	1140	14077	4	37	26	32	1141
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	2	29	0	0	5	71	1134	7	0	29	0	71	1134	1928	0	9	18	72	1131
No	81	0	0	35	43	26	32	20	25	1141	82	0	43	32	26	1140	12939	5	41	27	28	1142
Current LEP																						
Yes	0										0						234	0	10	11	79	1129
No	88	0	0	37	42	26	30	25	28	1140	89	0	42	29	29	1140	14633	4	37	26	33	1140
Economically disadvantaged																						
Yes	29	0	0	9	31	12	41	8	28	1138	29	0	31	41	28	1138	4264	2	24	26	47	1136
No	59	0	0	28	47	14	24	17	29	1141	60	0	47	23	30	1141	10603	5	41	26	28	1142
Migrant																						
Yes	0										0						4					
No	88	0	0	37	42	26	30	25	28	1140	89	0	42	29	29	1140	14863	4	37	26	33	1140
Gender																						
Female	51	0	0	17	33	16	31	18	35	1138	51	0	33	31	35	1138	7179	2	32	29	37	1139
Male	37	0	0	20	54	10	27	7	19	1143	38	0	53	26	21	1143	7688	6	40	23	30	1142
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						287	2	23	26	49	1136
No	88	0	0	37	42	26	30	25	28	1140	89	0	42	29	29	1140	14580	4	37	26	33	1140
Gifted/talented program																						
Yes	0										0						517	28	65	6	1	1156
No	88	0	0	37	42	26	30	25	28	1140	89	0	42	29	29	1140	14350	3	35	27	35	1140